黑客文化和伦理的奠基之作，计算机专业人士必读。

25周年新版，涵盖比尔·盖茨、马克·扎克伯格、理查德·斯托曼、史蒂夫·沃兹尼克等著名黑客的最新资料。

多年前，射击游戏之父、Doom游戏的作者约翰·卡马克由于读到本书而坚定了游戏开发的决心。

谷歌首席信息官本·弗里德也是本书的忠实读者。

探寻黑客文化的本质，体会黑客精神的精髓。

黑客

Hackers: Heroes of the Computer Revolution

25th Anniversary Edition

计算机革命的英雄

（美）Steven Levy 著

赵俐 刁海鹏 田俊静 译

O'REILLY®

机械工业出版社
China Machine Press

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Hackers: Heroes of the Computer Revolution, 25th Anniversary Edition

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ISBN[illegible]978-7-111-35840-4

[illegible]+ 86-10-68995265

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O'Reilly Media,Inc.介绍

O'Reilly Media通过图书、杂志、在线服务、调查研究和会议等方式传播创新知识。自1978年开始，O'Reilly一直都是前沿发展的见证者和推动者。超级极客们正在开创着未来，而我们关注真正重要的技术趋势——通过放大那些“细微的信号”来刺激社会对新科技的应用。作为技术社区中活跃的参与者，O'Reilly的发展充满了对创新的倡导、创造和发扬光大。

O'Reilly为软件开发人员带来革命性的“动物书”；创建第一个商业网站（GNN）；组织了影响深远的开放源代码峰会，以至于开源软件运动以此命名；创立了Make杂志，从而成为DIY革命的主要先锋；公司一如既往地通过多种形式缔结信息与人的纽带。O'Reilly的会议和峰会集聚了众多超级极客和高瞻远瞩的商业领袖，共同描绘出开创新产业的革命性思想。作为技术人士获取信息的选择，O'Reilly现在还将先锋专家的知识传递给普通的计算机用户。无论是通过书籍出版、在线服务或者面授课程，每一项O'Reilly的产品都反映了公司不可动摇的理念——信息是激发创新的力量。

业界评论

“O'Reilly Radar博客有口皆碑。”

——Wired

“O'Reilly凭借一系列（真希望当初我也想到了）非凡想法建立了数百万美元的业务。”

——Business 2.0

“O'Reilly Conference是聚集关键思想领袖的绝对典范。”

——CRN

“一本O'Reilly的书就代表一个有用、有前途、需要学习的主题。”

——Irish Times

“Tim是位特立独行的商人，他不光放眼于最长远、最广阔的视野，并且切实地按照Yogi Berra的建议去做了：‘如果你在路上遇到岔路口，走小路（岔路）。’回顾过去Tim似乎每一次都选择了小路，而且有几次都是一闪即逝的机会，尽管大路也不错。”

——Linux Journal

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Switch Thrower for the World,

Fuze Tester,Maker of Routes,

Player with the Railroads and the System's Advance Chopper;

Grungy,hairy,sprawling,

Machine of the Point-Function Line-o-lite:

They tell me you are wicked and I believe them;for I have seen your painted light bulbs under the

lucite luring the system coolies...

Under the tower,dust all over the place,hacking with bifurcated Springs

Hacking even as an ignorant freshman acts who has never lost occupancy and has dropped out

Hacking the M-Boards,for under its locks are the switches,and under its control the advance around

the layout,

Hacking!

Hacking the grungy,hairy,sprawling hacks of youth;uncabled,frying diodes,proud to be

Switchthrower,Fuze-tester,Maker of Routes,Player with Railroads,and Advance Chopper to the

System.

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[2]Tom Sawyer□□□·□□□□□□□□□·□□1876□□□□□□□□·□□□□□□□□□□□□□□·□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□·□□□□□□□□□□□□□

[3]Fubar□□"Fucked up beyond all recognition/any repair"□□□□□□□□□□□□□□□□□□□□□□

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[5]Honeywell□□□□□□□□□□□□□

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[illegible]MIT[illegible]·[illegible]·[illegible]

YOU ARE STANDING AT THE END OF A ROAD BEFORE A SMALL BRICK BUILDING.AROUND YOU IS A FOREST.A SMALL STREAM FLOWS OUT OF THE BUILDING AND DOWN A GULLY.

[illegible]

[illegible]GO SOUTH[illegible]

YOU ARE IN A VALLEY IN THE FOREST BESIDE A STREAM TUMBLING ALONG A ROCKY BED.

[illegible]

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——[illegible]Mount Diablo[illegible]

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[illegible]SAIL[illegible]MIT[illegible]·[illegible]“[illegible]‘[illegible]’[illegible]”[12][illegible]SAIL[illegible]20[illegible]70

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FIND 1984,YOU SAY

HEH,HEH,HEH...JUST STICK AROUND ANOTHER

TEN YEARS

LISTEN TO ALVIN LEE

PART YOUR HAIR DIFFERENT

DROP ASPIRIN

MAKE A JOINT EFFORT

DRIFT AWAY

KEEP A CLEAN NOSE

HOME{ON THE RANGE}

QUIT KICKING YORE HEARTS SEE ME FEEL ME

U.S.GET OUT OF WASHINGTON

FREE THE INDIANAPOLIS 500

GET UP AND GET AWAY

FALL BY THE WAYSIDE

FLIP OUT

STRAIGHTEN UP

LET A SMILE BE YOUR UMBRELLA

...AND...

BEFORE YOU KNOW IT{}{}{}{}{}{}{}{}{}{}

1984

WILL

FIND

YOU!

AND ITS GO'BE RIGHTEOUS...

KEYWORDS:1894 BENWAY TLALCLATLAN INTERZONE

2-20-74

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COMPUTERS ARE MOSTLY

USED AGAINST PEOPLE INSTEAD OF FOR PEOPLE

USED TO CONTROL PEOPLE INSTEAD OF TO

FREE THEM

TIME TO CHANGE ALL THAT-

WE NEED A...

PEOPLE'S COMPUTER COMPANY

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ALL WATCHED OVER BY MACHINES OF LOVING GRACE

I like to think(and

the sooner the better !)

of a cybernetic meadow

where mammals and computers

live together in mutually

programming harmony

like pure water

touching clear sky

I like to think

(right now,please !)

of a cybernetic forest

filled with pines and electronics

where deer stroll peacefully

past computers

as if they were flowers

with spinning blossoms.

I like to think

(it has to be !)

of a cybernetic ecology

where we are free of our labors

and joined back to nature,

returned to our mammal

brothers and sisters,

and all watched over

by machines of loving grace.

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[illegible]"FIND HEALTH CLINICS"[illegible]8[illegible]Haight-Ashbury[illegible]·[illegible]"BAGELS"——[illegible]

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[3][illegible]Ned Ludd[illegible]

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[8][illegible]·[illegible]Bernard Malamud[illegible]

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[illegible]Skeet Shoot[illegible]——[illegible]100[illegible]“[illegible]”[illegible]500[illegible]

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[illegible]12[illegible]"Sirius Software"[illegible]Space Invaders[illegible]——[illegible]Sirius Software[illegible]

[illegible]Wisconsin[illegible]·[illegible]Wisconsin[illegible]Sears Building[illegible]82[illegible]·[illegible]15[illegible]Maine[illegible]Radio Shack[illegible]2000[illegible]TRS-80[illegible]Brøderbund[illegible]“[illegible]”[illegible]

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Brøderbund Software[illegible]Galactic Saga[illegible]Saga[illegible]TRS-80[illegible]

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[illegible]·[illegible]Sierra[illegible]41[illegible]5000[illegible]·[illegible]·[illegible]

1981[illegible]On-Line[illegible]41[illegible]AI[illegible]On-Line[illegible]On-Line[illegible]

[illegible]·[illegible]On-Line[illegible]Informatics[illegible]·[illegible]Softalk[illegible]“[illegible]30[illegible]”[illegible]·[illegible]On-Line[illegible]

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[illegible]——[illegible]Sirius[illegible]Brøderbund[illegible]·[illegible]On-Line[illegible]

[illegible]

[illegible]·[illegible]30[illegible]Software Arts[illegible]“[illegible]”VisiCalc[illegible]——[illegible]MIT[illegible]On-Line[illegible]“[illegible]”[illegible]On-Line[illegible]·[illegible]“[illegible]——[illegible]”[illegible]1.8[illegible]Software Arts[illegible]1.1[illegible]

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[illegible]2[illegible]12[illegible]6[illegible]100[illegible]·[illegible]Softalk[illegible]

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[illegible]Softalk[illegible]30[illegible]Videogame Illustrated[illegible]“[illegible]”[illegible]5[illegible]“[illegible]……[illegible]……[illegible]……[illegible]……”[illegible]·[illegible]

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[illegible]Threshold[illegible]·[illegible]10[illegible]

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[illegible]·[illegible]On-Line[illegible]·[illegible]·[illegible]——[illegible]

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[illegible]·[illegible]Atari 800[illegible]30%[illegible]6[illegible]20[illegible]40[illegible]On-Line Systems[illegible]

[illegible]·[illegible]Atari[illegible]On-Line[illegible]Infocom[illegible]MIT[illegible]Tech Square[illegible]

[illegible]Atari[illegible]On-Line[illegible]·[illegible]Threshold[illegible]·[illegible]Raster Blaster[illegible]On-Line[illegible]

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1982[illegible]·[illegible]·[illegible]

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[illegible]·[illegible]Gulf[illegible]Western[illegible]Sega[illegible]Sega[illegible]·[illegible]10%[illegible]Sega[illegible]Parker Brothers[illegible]·[illegible]

[illegible]Atari[illegible]Atari[illegible]·[illegible]

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[illegible]·[illegible]On-Line[illegible]“[illegible]”[illegible]·[illegible]50[illegible]——[illegible]——[illegible]

[illegible]3.5[illegible]Softsel Distributors[illegible]“[illegible]”[illegible]

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[illegible]“On-Line[illegible]IBM[illegible]IBM[illegible]”

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Atari[illegible]VCS[illegible]VCS[illegible]——[illegible]——[illegible]Atari[illegible]MIT[illegible]Atari[illegible]VCS[illegible]Atari 800[illegible]

[illegible]Atari[illegible]VCS[illegible]Atari[illegible]Atari[illegible]“[illegible]”[illegible]20[illegible]80[illegible]Atari[illegible]VCS[illegible]VCS[illegible]Atari[illegible]Atari[illegible]VCS[illegible]

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1982[illegible]9[illegible]1[illegible]·[illegible]On-Line[illegible]Sierra On-Line[illegible]Half-Dome Mountain[illegible]

[illegible]·[illegible]Wall Wars[illegible]“[illegible]·[illegible]Atari[illegible]·[illegible]Atari[illegible]·[illegible]”

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Sierra On-Line[illegible]Dungeons and Dragons[illegible]41[illegible]Danny's[illegible]On-

Line[illegible]

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1982[illegible]Brøderbund[illegible]28[illegible]·[illegible]64[illegible]——[illegible]“[illegible]”[illegible]

Sirius[illegible]Sirius[illegible]Sirus[illegible]·[illegible]Sirius[illegible]——[illegible]25[illegible]——[illegible]Sirius[illegible]Gebelli Software[illegible]

Sirius[illegible]Beer Run[illegible]Twerps[illegible]The Earth Dies Screaming[illegible]·[illegible]VCS[illegible]TwentiethCentury Fox[illegible]Atari[illegible]100[illegible]

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[illegible]CL-9[illegible]Wheels of Zeus[illegible]Fusion-io[illegible]“[illegible]”

[illegible]Apple Ⅱ[illegible]2010[illegible]

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[illegible]“[illegible]10[illegible]20[illegible]”

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[illegible]Tim O'Reilly[illegible]Foo Camp“[illegible]”[illegible]O'Reilly[illegible]O'Reilly[illegible]“[illegible]·[illegible]‘[illegible]’”

O'Reilly[illegible]1[illegible]0[illegible]

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1.[illegible]TMRC[illegible]TMRC[illegible]1959[illegible]·[illegible]MIT[illegible]·[illegible]Harper[illegible]Row[illegible]1983[illegible]

2.[illegible]F.O.B.[illegible]TMRC[illegible]6[illegible]1[illegible]1960[illegible]9[illegible]

3.[illegible]·[illegible]·[illegible]Simon[illegible]Schuster,1982[illegible]

4.[illegible]IBM[illegible]·[illegible]·[illegible]The Computer Establishment[illegible]Harper[illegible]Row[illegible]1981[illegible]

5.[illegible]·[illegible]“[illegible]”[illegible]“[illegible]PDP-1[illegible]”[illegible]1962[illegible]·[illegible]Rolling Stone[illegible]“[illegible]”[illegible]1972[illegible]12[illegible]7[illegible]

6.[illegible]Cambridge,Mass.[illegible]MIT[illegible]1962[illegible]

7.[illegible]Peg Solitaire[illegible]Hakmem[illegible]·[illegible]MIT[illegible]AI[illegible]239[illegible]1972[illegible]2[illegible]

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10.□·□□□□□□□□□□ITS□□□□□□MIT□AI1□□□□□□□238□□1972□
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11.□□□□□·□□□□□□Computer Power and Human Reason□
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12.□□□·□□□□□"Introduction to the Memo Series of the Stanford Artificial Intelligence Laboratory"□□□□□□□□□□□□□□□
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21.□□□·□□□□□Computer Lib/Dream Machines□□□□□

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23.[illegible]·[illegible]Harper Colophon Books[illegible]1973[illegible]

24.[illegible]"The Tom Swift Terminal.A Convivial Cybernetic Device"[illegible]1975[illegible]6[illegible]

25.[illegible]·[illegible]The New Alchemists[illegible]Little,Brown,1982[illegible]

26.[illegible]·[illegible]·[illegible]“[illegible]12[illegible]”[illegible]Rolling Stone[illegible]1971[illegible]6[illegible]8[illegible]·[illegible]Rolling Stone[illegible]“[illegible]$$$[illegible]”[illegible]1972[illegible]3[illegible]16[illegible]

27.[illegible]HBCCN[illegible]

28.[illegible]“[illegible]”[illegible]·[illegible]1978[illegible]

29.[illegible]“Sol[illegible]”[illegible]ROM[illegible]1[illegible]1977[illegible]7[illegible]

30.[illegible]“[illegible]”[illegible]·[illegible]20[illegible]70[illegible]Delta[illegible]1979[illegible]

31.[illegible]·[illegible]

32.[illegible]·[illegible]Scribners[illegible]1983
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36.□□□□□□□□□□□□Pocket Books,1961□□□

37.□□□Purser's Magazine□□1981□□□□

38.□□□□□□□Softline□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□Softline□□□Softalk□□□□□Brotherhood□□□□□□□□□□

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[illegible]Arthur Abraham□Roe Adams□Bob Albrecht□Dennis Allison□Larry Bain□Alan Baum□Mike Beeler□Dorothy Bender□Bill Bennett□Chuck Benton□Bob and Carolyn Box□Keith Britton□Lois Britton□Bill Budge□Chuck Bueche□David Bunnell□Doug Carlston□Gary Carlston□Marie Cavin□Mary Ann Cleary□Bob Clements□Tracy Coats□David Crane□Edward Currie□Rick Davidson□Bob Davis□Jack Dennis□Peter Deutsch□Steve Dompier□John Draper□Dan Drew□Mark Duchaineau□Les Earnest□Don Eastlake□Doug Englebart□Chris Espinosa□Lee Felsenstein□LeRoy Finkel□Howard Franklin□Bob Frankston□Ed Fredkin□Gordon French□Martin Garetz□Harry Garland□Richard Garriott□Lou Gary□Bill Gates□Bill Godbout□Vincent

Golden、Dave Gordon、Ralph Gorin、Dan Gorlin、Bill Gosper、Richard Greenblatt、Margaret Hamilton、Eric Hammond、John Harris、Brian Harvey、Ted Hoff、Kevin Hunt、Chris Iden、Jerry Jewell、Robert Kahn、David Kidwell、Gary Kildall、Tom Knight、Joanne Koltnow、Alan Kotok、Marc LeBrun、Bob Leff、Mike Levitt、Efrem Lipkin、David Lubar、Olaf Lubeck、John McCarthy、John McKenzie、Robert Maas、Patricia Mariott、Bob Marsh、Roger Melen、Jude Milhon、Marvin Minsky、Fred Moore、Stewart Nelson、Ted Nelson、Jim Nitchals、Russ Noftsker、Kenneth Nussbacher、Rob O'Neal、Peter Olyphant、Adam Osborne、Bill Pearson、Tom Pittman、Larry Press、Malcolm Rayfield、Robert Reiling、Randy Rissman、Ed Roberts、Steve Russell、Peter Samson、Bob Saunders、Warren Schwader、Gil Segal、Vic Sepulveda、David Silver、Dan Sokol、Les Solomon、Marty Spergel、Richard Stallman、Jeff Stephenson、Ivan Strand、Jay Sullivan、Dick Sunderland、Gerry Sussman、Tom Tatum、Dick Taylor、Robert Taylor、Dan Thompson、Al Tommervik、Margot Tommervik、Mark Turmell、Robert Wagner、Jim Warren、Howard Warshaw、Joseph Weizenbaum、Randy Wigginton、John Williams、Ken Williams、

Roberta Williams[illegible]Terry Winograd[illegible]Donald Woods[illegible]Steve Wozniak[illegible]Fred Wright[illegible]

[illegible]Lee Felsenstein[illegible]Bill Gosper[illegible]Richard Greenblatt[illegible]Peter Samson[illegible]Ken Williams[illegible]Roberta Williams[illegible]

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[illegible]Phyllis Coven[illegible]Art Kleiner[illegible]Bill Mandel[illegible]John Williams[illegible]Lori Carney[illegible]Viera Morse[illegible]David Rosenthal[illegible]Rich Friedman[illegible]Doug Garr[illegible]John Markoff[illegible]Deborah Wise[illegible]Lunch Group[illegible]Diane Levy[illegible]Larry Barth[illegible]Bruce Buschel[illegible]Ed Kaplan[illegible]William Mooney[illegible]Randall Rothenberg[illegible]David Weinberg[illegible]

[illegible]Pat Berens[illegible]James Raimes[illegible]Teresa Carpenter[illegible]

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Steven Levy□□Wired□□□□□□□□□□□□□□□□□□□□Newsweek□

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